

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 20401577JW	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/SG2004/000319	International filing date (<i>day/month/year</i>) 30 September 2004	(Earliest) Priority Date (<i>day/month/year</i>) 7 november 2003	
Applicant MERLIN MD PTE LTD (ET AL.)			

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of **5** sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.
2. ☐ Certain claims were found unsearchable (See Box No. II).
3. ☐ Unity of invention is lacking (See Box No. III).
4. With regard to the title,

☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:
5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. With regard to the drawings,
 - a. the figure of the drawings to be published with the abstract is Figure No. **1A**

☒ as suggested by the applicant.
☐ as selected by this Authority, because the applicant failed to suggest a figure.
☐ as selected by this Authority, because this figure better characterizes the invention.
 - b. ☐ none of the figures is to be published with the abstract.

Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)

An implantable mechanical device for insertion into a passage, where the device is made from a platinum alloy selected from the group consisting of platinum:iridium alloy; platinum:tungsten alloy; platinum:rhodium:ruthenium alloy, platinum:rhodium alloy and platinum:nickel alloy.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000319

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: A61M 29/00, A61 2/06, A61B 17/12.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASES CONSULTED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: A61F, A61M, A61N, A61B, stent, dilate, expand, lumen, passage, vein, artery, aorta, vessel, vascular, duct, implant, Imd, electrode, screw, plate, Pt, platinum, alloy, sma, tungsten, W, Rhodium, Rh, Ruthenium, Ru, Iridium, nickel, Ni, radiopac, radiate, X-ray, visible, distinguish, observe, absorb, biocompatible, allergen, thrombo, shape, retain, memory, flex, resilience.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0093111 A1 (KEN ET AL.) 15 May 2003 Abstract, Fig.1A-3B, paragraph [0003] – paragraph [0044]	1-6, 25-30 7-24, 31-39
X	WO 1998014137 A1 (NUMED, INC) 9 April 1998 Entire document	1-8, 25-30 9-24, 31-39
X	EP 0947204 A2 (CORDIS CORPORATION) 6 October 1999 Abstract, Fig. 1-3, paragraph [0008] – paragraph [0012]	1-6, 25-30 7-24, 31-39
X	US 6024765 A (WALLACE ET AL.) 15 February 2000 Absrtact, column 4, lines 21-32.	1-6, 25-30 7-24,31-39

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
22 November 2004

Date of mailing of the international search report
- 9 DEC 2004

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000319

C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0754435 B1 (TARGET THERAPEUTICS, INC) 8 November 2000 Entire document.	1-6, 25-30 7-24, 31-39
X	EP 1391184 A1 (ENDOSENE SARL) 25 February 2004 Entire document	1-6, 25-30 7-24, 31-39

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG2004/000319

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US 2003093111		AU 54580/00	CA 2375660	CA 2431594	
		EP 1198270	EP 1335772	EP 1392175	
		EP 1392182	US 6375668	US 6746468	
		US 2002143349	US 2002169473	US 2002193812	
		US 2002193813	US 2003004533	US 2003004568	
		US 2004181253	WO 0072909	WO 02069783	
		WO 02089676	WO 02089679	WO 02089863	
		WO 02089865	WO 03037191		
WO 9814137		AU 45939/97	BR 9706814	CA 2237756	
		EP 0881892	US 6022370		
EP 0947204		AU 21236/99	CA 2205194	CA 2267728	
		EP 0809998	JP 10099445	JP 11319070	
		US 5733326	US 6027528		
US 6024765		AU 57259/98	EP 0964648	US 5733329	
		US 2002151926	WO 9829042		
EP 0754435		AU 14990/97	AU 56264/96	AU 74959/98	
		CA 2180370	CA 2198765	CA 2295005	
		EP 0792623	EP 0913124	EP 0989824	
		JP 9108229	JP 10000198	NO 962761	
		NO 970865	US 5582619	US 5833705	
		US 5853418	US 6004338	US 6013084	
		US 6193728	WO 9858590		
EP 1391184		WO 2004017864			
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					